

PATENT

Serial No. 10/511,812

Amendment in Reply to Office Action mailed on February 14, 2006

NEW ABSTRACT

A device to record optical discs includes a control circuit for controlling the power of the recording laser beam which takes many parameters into account, such as the jitter of the recovered written data which is measured during the reading of recorded data which are produced by a reading block. Further, the power may be corrected as a function of the temperature inside the laser housing by measuring the threshold current at which the light is switched on. Other parameters used to correct the laser power take into account the scanning velocity of the disc and the amount of disc tilt.